



Intermec

Product Profile

- Small, lightweight design
- Newest IEEE 802.11 wireless standards
- Industry standard development and connectivity tools
- Upgradeable wireless and batch versions provide investment protection
- Long lasting Lithium Ion battery for full shift operation
- Survives 4-foot drops to concrete



2 4 1 0 H A N D H E L D C O M P U T E R

With its compact, lightweight packaging, the 241X Series handheld computers are designed for retail and light industrial environments. Weighing under 14 oz., the 241X Series provides easy operation over extended periods.

As the newest addition to the Intermec 2400 product line, 241X Series handheld computers share applications with other members of 2400 family. You can run the same application on a stationary shop floor terminal, a 241X Series handheld computer, and a vehicle mount unit.

With its industry-standard internal PC card slot, the 241X Series can adapt with your system as your data collection needs change. You can start with the 2410—a hardwired (batch) system—and upgrade to the 2415—an 802.11b 11Mbps standard wireless system—simply by sending it to an Intermec service center

for an RF upgrade. The 2415 can also be upgraded with the latest technology so you can easily change radios to handle higher speeds and increased coverage as advances in standards such as 802.11 RF technology occur.

You can also count on the 241X Series to put in a full day's work without recharging. Its state-of-the-art Lithium Ion battery is easy to recharge and can run 8 to 10 hours on a single charge. That makes the 241X ideal for time-intensive applications, such as in-store audits and re-stocking inventory. And its high-contrast, scratch resistant display makes for easy reading in many environments. Best of all, 241X Series handheld computers integrate seamlessly into your system, whether it is terminal emulation, client/server or simple serial connection through a communications dock.



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Physical Characteristics**Length:** 19.3 cm (7.6")**Width:** 8.4 cm (3.3") at scanner; 5 cm (2") at grip**Height:** 5.6 cm (2.2") at scanner; 3 cm (1.2") at grip**Weight (with standard battery):****Model 2410 (Batch):** 374g (13.2 oz.)**Model 2415 (RF):** 422g (14.9 oz.)

Add 43g (1.5 oz.) for high capacity battery

Environment**Operating temperature:** -20° to 50°C (-4° to 122°F)**Storage temperature:** -20° to 60°C (-4° to 140°F)**Humidity:** Non-condensing (0 to 95% RH)**Shock and Vibration Protection:**

Warranted for 4-foot drop to concrete

Power**Operating:** Lithium Ion battery pack, standard and high capacity**Memory****RAM:** 1 MB, battery backed**Non-volatile Memory:** 2MB Standard, 4MB optional**Additional Storage:** 2 or 4MB SRAM (batch only)**Interfaces**

- Built-in serial connector, 9-pin adapter optional
- RS232-C up to 38.4 Kbps
- XMODEM, YMODEM for data transfer
- Supports configurable Serial Protocol and XON/OFF

Display

- CGA compatible backlit LCD displaying 16 lines of 20 characters per line (160 x 128 dot matrix) plus LED status indicators
- Full 25 x 80 virtual screen with viewporting

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Keyboard

- Elastomeric 55-key with full alphanumeric set or 37-key with larger numeric.
- Options for U.S., Multilingual European, IBM 3270/5250, and VT/ANSI

Software**Programmable:** Microsoft® C**Terminal Emulation:** 3270 and 5250 SNA and TELNET; ANSI/VT 100, 220, 320 TELNET;

Screen mapping

Web-based: dc Browser™ for HTML applications**Connectivity**

- DHCP Client
- Direct TCP/IP Support
- Sockets interface or terminal emulation
- Ethernet or Token Ring

Bar Code Symbolologies

Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN Code 128, Code11, Code 93, Plessey, MSL, PDF 417

Bar Code Scanning Options

Integrated visible laser diode scanner
USA/Canada Class II. International Class 2

Depth of Field-Standard Range* (670nm) (measured for Code 39)

5 mil	9.4-15.7 cm	(3.7"-6.2")
10 mil	7.4-30.5 cm	(2.9"-12")
20 mil	10.2-63.5 cm	(4"-25")
30.0 mil	10.2-86.4 cm	(4"-34")
40.0 mil	12.7-99 cm	(5"-39")
55.0 mil	19.1-126 cm	(7.5"-49")
55 mil retroreflective	105-151 cm	(41"-59")
100 mil retroreflective	113-227 cm	(44"-89")

Depth of Field-Long Range* (650nm)

10 mil	29.4-49.8 cm	(11.6-19.6")
20 mil	21.8-98 cm	(8.6 - 38.6")
30 mil	24.4-192 cm	(9.6 - 75.6")
40 mil	24.4-204.7 cm	(9.6-80.6")
70 mil retroreflective	192-410.5 cm	(75.6-162")
100 mil retroreflective	212.3-532.4 cm	(83.6"-209.6")

*Measured for Code 39

Built-in 16 pin I/O connector for attaching Intermec decoded and undecoded scanners and wands. Adapter available.

Integrated RF Module: (2415)**Frequency:** 2.4 GHz frequency band, actual frequencies in use vary by country**WLI forum OpenAir:****Type:** Frequency Hopping Spread Spectrum**Data Rate:** 1.6 Mbps, .8 Mbps fallback**Range*:** From 1500+ ft. (450+ m) to 500 ft (150 m) depending on environment**IEEE 802.11b Wi-Fi Certified:****Type:** Direct Sequence Spread Spectrum**Data Rates:** 11/5.5/2/1 Mbps with Auto fallback for increased range**Range* at 1 Mbps:** 1750 ft (533 m) to 165 ft (50 m) depending on environment**Range* at 11 Mbps:** 525 ft (160 m) to 80 ft (24 m) depending on environment**Security:** Wired Equivalent Privacy (WEP) - 64 or 128 bit encryption

*Unlimited with roaming

Host Support via DCS300 Server**Host Environment:** IBM AS 400, Digital HP, UNIX, Windows NT**Connectivity:** Ethernet, Token Ring, 100BASET, Twinax, Coax, SDLC**Communications:** TCP/IP, SNA**Accessories**

Battery charger, battery pack available in standard and high capacity, pistol grip handle, holster, belt loop, hand strap, serial communications dock, User manual, Programmer's Software Kit (PSK), EZBuilder™ Rapid Application Development software.

Regulatory Approvals

UL Listed, UL 1950 and C22.2 No. 950, TÜV Rheinland GS, EN 60950 and EN 60825-1, FCC Part 15, Canada, RSS210 and ICES-003, Class B, EN 55022/CISPR 22, Class B, ETS 300 328, ETS 300 826, Compliant with all European directives, CE marked.

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